

## Message Text

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PAGE 01 STATE 259474  
ORIGIN OES-07

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EUR/NE - MR. SHUMATE  
EUR/WE - MR. DOBBINS  
ARA/CAR - MR. PIERCE  
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R 291458Z OCT 77  
FM SECSTATE WASHDC  
TO AMEMBASSY LONDON  
AMEMBASSY PARIS  
AMEMBASSY BRIDGETOWN  
INFO AMCONSUL MARTINIQUE

UNCLAS STATE 259474

E.O. 11652: N/A

TAGS: OCLR, TGEN, TPHY, UK, FR, GJ

SUBJECT:R/V ENDEAVOR CLEARANCE REQUEST, 11 FEB - 6 MAR  
1978

1. R/V ENDEAVOR, A PRIVATE VESSEL OPERATED BY THE  
UNIVERSITY OF RHODE ISLAND AND FUNDED BY THE NATIONAL  
SCIENCE FOUNDATION, IS PLANNING TO CONDUCT MARINE  
SCIENTIFIC RESEARCH OFF THE ISLANDS OF MARTINIQUE,  
DOMINICA, ST. VINCENT, AND GRENADA. THE OBJECTIVE OF THE  
RESEARCH IS TO COLLECT DATA PERTAINING TO VOLCANOGENIC  
SEDIMENTATION IN THE LESSER ANTILLES VOLCANIC ARC.  
EMPHASIS WILL BE PUT ON OBTAINING LONG PISTON CORES TO  
FURTHER THE STUDY OF TEPHROCHRONOLOGY OF THE REGION. AN  
ANCILLIARY STUDY OF AN ACTIVE SUBMARINE VOLCANO WILL ALSO  
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PAGE 02 STATE 259474

BE CONDUCTED.

2. OPERATIONS WILL INCLUDE:

(A) PISTON-CORING IN UP TO 5000 M DEEP WATER IN BASINS  
EAST AND WEST OF THE ISLAND ARC.

(B) GRAVITY CORING AT SAME STATIONS IN ORDER TO RECOVER TOP-MOST SEDIMENT AND VERY YOUNG VOLCANIC ASH LAYERS IN SURFACE SEDIMENT.

(C) CORING ON WESTERN SUBMARINE FLANKS OF ARC IN WATER DEPTHS OF 2000 TO 200 M.

(D) XBT'S, WATER CASTS DREDGING AND CAMERA STATIONS WITHIN CRATER OF KICK'EM-JENNY SUBMARINE VOLCANO, LAST ACTIVE JANUARY 1977.

3. EQUIPMENT TO BE USED INCLUDES A LORAN C AND PLOTTER, PISTON CORER WITH BOTTOM-FINDING PINGER, GRAVITY CORER, PIPE DREDGE, SHALLOW-WATER XBT'S, SATELLITE NAVIGATION SYSTEM, NISKIN BOTTLES, 3.5 KHZ AND 12 KHZ FATHOMETER AND PDR (CONTINUOUS OPERATION) AND BOTTOM CAMERA.

4. BERTHS ARE AVAILABLE FOR TWO PARTICIPANTS WHILE THE SHIP IS OPERATING OFF THE COAST OF THE RESPECTIVE COUNTRIES. ARRANGEMENTS WILL BE MADE AFTER IT IS DETERMINED WHICH COUNTRIES DESIRE TO SEND PARTICIPANTS. ALL DATA RESULTS WILL BE FREELY SHARED.

5. A SHIP'S TRACK IS BEING POUCH;. THE DATES ENOEAVOR WILL BE OPERATING OFF PARTICULAR COASTS ARE APPROXIMATE AS FOLLOWS:  
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PAGE 03 STATE 259474

DOMINICA - 18-19 FEB  
MARTINIQUE - 19-20 FEB  
ST. VINCENT - 1-2 MAR  
GRENADA - 3-4 MAR

6. THE CHIEF SCIENTIST IS DR. HARALDUR SIGURDSSON OF THE UNIVERSITY OF RHODE ISLAND, WHO WILL BE SUPPORTED BY 14 OTHER SCIENTISTS. SHIP'S CAPTAIN IS HERBERT P. BENNETT JR. WITH A CREW OF 12. ENDEAVOR IS 291 GROSS TONS, 177 FT. LONG, AND HAS AN 18 FT. DRAFT. RADIO CALL SIGN IS WVFQ AND SHIP MONITORS EMERGENCY FREQUENCIES.

7. ACTION: EMBASSY IS REQUESTED TO SEEK CLEARANCE FOR ENDEAVOR TO CONDUCT MARINE SCIENTIFIC RESEARCH DURING THE PERIOD 11 FEB - 6 MAR 1978 IN THE TERRITORIAL WATERS AND ON THE CONTINENTAL SHELVES OF MARTINIQUE, DOMINICA, ST. VINCENT, AND GRENADA. VANCE

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## Message Attributes

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**Channel Indicators:** n/a  
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**Subject:** R/V ENDEAVOR CLEARANCE REQUEST, 11 FEB - 6 MAR 1978  
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